

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(US-20060231468-\$ or US-20010030146-\$ or US-20070056884-\$).did. or (US-6144004-\$ or US-6137074-\$ or US-5143224-\$ or US-3424388-\$ or US-3415496-\$ or US-4538735-\$ or US-2969987-\$ or US-5048325-\$ or US-3009571-\$ or US-4858771-\$ or US-4126226-\$ or US-3357557-\$ or US-5577671-\$ or US-4625872-\$ or US-3785485-\$).did. or (NL-1015994-\$ or SU-1787589-\$ or WO-200041143-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/08 08:02
L2	1	1 and (diffract\$4 grating)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/08 08:03
L3	5024	(209/576-605).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 08:03
L4	84	L3 and (diffract\$4 grating)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/08 08:03
S1	6	((("4858771") or ("5143224") or ("5577671"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 09:36
S2	6	"1787589"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 09:37
S3	0	"20041143"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 09:37
S4	0	"20041143"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 09:38

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S5	2	"200041143"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 09:38
S6	14	"1015994"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 09:38
S7	7	("2969987"   "3009571"   "4126226"   "4361254"   "4470524").PN. OR ("4858771"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 09:47
S8	14	("3011634"   "3357557"   "3415496"   "3424388"   "3512002").PN. OR ("4126226"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 10:01
S9	4	("3009571").URPN.	USPAT	OR	ON	2007/08/07 10:11
S10	15	("0871536"   "0897489"   "2068146"   "2675947"   "3009571"   "3672500"   "4059189"   "4068758"   "4068759").PN. OR ("4538735").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 10:38
S11	80	(209/511).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 10:55
S12	5024	(209/576-605).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:30
S13	1874	S12 and (centrifugal bowl cylinder cylindrical slant\$4 funnel\$7 conical\$7 annular\$7 radial\$4 circular circle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 11:03
S14	15	("3127016"   "3559805"   "3788466"   "4082655"   "4147620"   "4208915"   "4212398"   "4352431"   "4375853").PN. OR ("4625872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/07 13:45

## EAST Search History

S15	1244	(209/576-581).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:46
S16	5024	(209/576-605).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:31
S17	1874	S16 and (centrifugal bowl cylinder cylindrical slant\$4 funnel\$7 conical\$7 annular\$7 radial\$4 circular circle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:46
S18	740	S15 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 14:31
S19	1588	(209/586-590).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 14:50
S20	931	S19 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:16
S21	315	(250/222.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 15:17
S22	1	10/595120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/07 15:17